

ARTAMONOV, V.V.; FEDOROV, A.A., dotsent; KISELEV, M.I., dotsent

Improving the training of specialists in the electrification
of industrial plants. Prom.energ. 15 no.3:58-59 Mr '60.
(MIRA 13:6)

1. Zaveduyushchiy kafedroy elektrifikatsii promyshlennykh
predpriyatiy Krasnoyarskogo politekhnicheskogo instituta (for
Artamonov). 2. Kafedra elektrifikatsii promyshlennykh predpriyatiy
Moskovskogo energeticheskogo instituta (for Fedorov). 3. Kafedra
elektrifikatsii promyshlennykh predpriyatiy Krasnoyarskogo
politekhnicheskogo instituta (for Kiselev).
(Electrification)

KISELEV, M.I.

Universal chucks for fastening end mills. Stan.i instr.

31 no.7:35 J1 '60.

(MIRA 13:7)

(Chucks)

KISKELEV, M.I.

High-duty cutter. Mashinostroitel' no.7:33 JI '62.
(Metal-cutting tools)

(MKRA 15:7)

KISELEV, M. I.

High-speed shaped cutter. Mashinostroenie no.5:107-108
S-O '62. (MIRA 16:1)

(Metal-cutting tools)

KISELEV, M.I.; SAKKI, K.

Applicability of M.A. Leontovich's boundary conditions to anisotropic and gyrotropic dielectrics. Vest. Mosk. un. Ser. 3: Fiz., astron. 18 no.2:91-93 Mr-Apr '63. (MIRA 16:6)

1. Kafedra statisticheskoy fiziki i mekhaniki Moskovskogo universiteta.

(Electrodynamics)
(Boundary value problems)

KISELEV, M.I.

Method of avoiding the recording of air blast effect in causing elastic vibrations with air blasts. Geofiz. razved. no.3:109-110 '61.
(MIRA 17:2)

KISELEV, M.I.

[Testing of electrical machines] Ispytanie elektricheskikh
mashin. Krasnoiarsk, Krasnoiarskii politekhn. in-t, 1961.
139 p.
(MIRA 17:10)

L 37696-66 EWP(m)/EEC(k)-2/EWT(d)/EWT(1)/FBD/FSS-2 IJP(c) GW/AST/BC

ACC NR: AP6019603

SOURCE CODE: UR/0293/66/004/003/0492/0493

AUTHOR: Kiselev, M. I.

ORG: none

TITLE: Effect of optic absorption on radiation orientation of spacecraft *q*

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 3, 1966, 492-493

TOPIC TAGS: space orientation, satellite orientation, *spacecraft control equipment, solar sail, solar radiation, light absorption*

ABSTRACT: An orientation control system for spacecraft based on the utilization of solar radiation pressure on a system of control vanes forming a "solar propeller" is considered. The results of a previous article by E. B. Galitskaya and M. I. Kiselev (Kosmich. issled., 3, No. 3, 391, 1965), in which ideal reflection was considered, is extended to include the effects on the radiation rotational device of absorption by the vane material. Expressions are found for the torques acting on the pair of symmetric vanes, which effect control by rotating the spacecraft about the OZ axis and create a secondary torque about the OX axis with oblique incidence of the light. If the incident light is parallel to the OZ axis, the secondary torque M_x vanishes and the control torque is

$$M_z = -4B(1-\alpha)\cos^2\theta\sin\theta,$$

where the coefficient B is determined by the geometry and dimensions of the vanes and

Cord 1/2

UDC: 629.196.3

MOSIN, Fedor Vasil'yevich; KISELEV, M.I., nauchnyy red.; GIRICHEVA, M.A.,
red.; SEMENOVA, A.V., tekhn.red.

[Mechanization of pipe bending] Mekhanizatsiia v trubogibochnom
proizvodstve. Leningrad, TSentr.biuro tekhn.informatsii, 1959.
51 p. (MIRA 13:3)

(Pipe bending)

KISELEV, M.I., insh.

Power wrench for lathe chucks designed by lathe operator.
Mashinostroitel' no.12:37 D '59. (MIRA 13:3)
(Wrenches)

S/117/60/000/005/002/013
A004/A002

AUTHOR: Kisilev, M. I., Engineer

TITLE: Copying Milling Machine With Photoelectric-Mechanical Control

PERIODICAL: Mashinostroitel', 1960, No. 5, pp. 9-10

TEXT: Engineer A. V. Khrennikov developed a new type of copying machine with photoelectric-mechanical control where many deficiencies of formerly designed photo-copying machines are eliminated. The author gives a detailed description of this new machine, which has a speed range of 0.05 to 1 rpm. The master drawing made of non-translucent paper is fixed on a rotating screen. The luminous ring, formed by an illuminator during the rotation of the screen with the drawing, sends corresponding signals through the light receiver, multiplier phototube and a system of special electric equipment to the motor, performing the tracing feed, if the tracer deviates even a trifle from the lines of the master drawing. This design of the illuminator of the copying mechanism, executed in the form of a rotating luminous ring is the most important technical feature of the machine and performs the part of the tracer roll during ordinary copying. The machine can be used in small-series production of components

Card 1/2

S/117/60/000/005/002/013
A004/A002

Copying Milling Machine With Photoelectric-Mechanical Control

having the shape of plane cams, the manufacturing accuracy of which does not exceed the 3rd or 4th class. The dimensions of the components to be machined may vary between 50 and 900 mm. There is 1 figure.

✓
1

Card 2/2

S/117/60/000/005/003/013
A004/A002

AUTHORS: Domanik, I. V., Kiselev, M. I.

TITLE: The ~~LF~~-21 (LF-21) Heavy Parallel Milling, Planing and Boring Machine

PERIODICAL: Mashinostroitel', 1960, No. 5, p. 13

TEXT: The new unique machine tool is manufactured by the Lenstankolit Plant and designated for the roughing and finishing machining of split surfaces of big-sized steam turbine housing parts and other big-dimensioned machine parts weighing up to 100 tons. The machine is equipped with automotive spindle stocks with drilling and boring spindles, attachments and planing carriage, which make it possible to machine heavy components without removing them from the machine table. The table feed is stepless and is effected by a geared reducer driven during milling operations by a d-c motor of 29 kw and during planing operations by a d-c motor of 88 kw. A blocking mechanism prevents the movable parts of the machine from colliding. The machine is remote-controlled from a central control panel and two suspension panels. The authors cite the pertinent technical data of the new LF-21 machine. There is 1 photo. ✓

Card 1/1

KISELEV, M. I.

Program control of a turret lathe. Mashinostroitel' no.9:14 S '60.
(MIRA 13:9)

(Lathes--Numerical control)

KISELEV, M.I., inzh.

Copying milling machine with photoelectric mechanical control.
Mashinostroitel' no.5:9-10 My '60. (MIRA 14:5)
(Milling machines--Numerical control)
(Photoelectric multipliers)

DOMANIK, I.V.; KISELEV, M.I.

The LF-21 heavy-duty planer-type milling and boring machine.
Mashinostroitel' no.5:13 My '60. (MIRA 14:5)
(Machine tools)

KISELEV, M.I.

Development of new trends in geophysical prospecting for nonferrous
and rare metals. Geofiz. razved. no.5:86-94 '61. (MIRA 15:3)
(Prospecting--Geophysical methods) (Ore deposits)

KISELEV, M.I.

State and problems of geophysical work on gold. Geofiz. razved.
no.5:94-103 '61. (MIRA 15:3)
(Siberia--Gold ores) (Prospecting--Geophysical methods)

KISELEV, M.I.

Milling cutters with set teeth. Mashinostroitel' no.1:21-22
Ja '62. (MIRA 15:1)
(Metal-cutting tools)

KISELEV, M.I.

Dies for setting teeth of cutters. Mashinostroitel' no.3:39
Mr '62. (MIRA 15:3)
(Dies (Metalworking))

KRUGLYANSKIY, M.R.; KISELEV, M.M., red.; GRIGORCHUK, L.A., tekhn.red.

[Handbook for students entering special secondary schools of the U.S.S.R. (technical schools) in 1960] Spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR (tekhnikumy, uchilishcha, shkoly) v 1960 g. Moskva, Gos. izd-vo "Vysshiaia shkola," 1960. 358 p. (MIRA 13:5)

1. Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia.
(Technical education)

KISELEV, M. M., DOCENT

Cand Tech Sci

Dissertation: "One of the Possible Solutions for Automatic Control of the
Removal in Spinning Machines."

28 April 49

Moscow Textile Inst

SO Vecheryaya Moskva
Sum 71

MELAMED, R.I.; SLEPYAN, Yu.Ya.; KISELEV, M.P.; GAYEVSKIY, Ye.V.

Indications for the use of artificial respiration apparatus.
Zdrav. Bel. 9 no.8:58-62 Ag'63 (MIRA 17:3)

1. Iz respiratornogo tsentra (nauchnyy rukovoditel' - prof.
N.S. Misyuk) 4-y klinicheskoy bol'nitsy Minska (glavnyy vrach -
Ye.M. Sel'dimirova).

L 1352-66 ENP(j)/EWT(m) RM

ACCESSION NR: AP5024396

UR/0286/65/000/015/0080/0080

678.743.22-425

AUTHOR: Kiya, M. V.; Rotenberg, I. P.; Khramova, Z. N.; Michotova, Ya. N.;
Zapol'skaya, K. I.; Labadova, V. S.; Kupriyanova, K. I.; Karanskaya, M. A.;
Kiselev, M. P.; Yerevin, V. I.; Lopatentova, N. A.

TITLE: A method for producing polyvinyl chloride foam. Class 39, No. 173403

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 80

TOPIC TAGS: polyvinyl chloride, foam plastic

ABSTRACT: This Author's Certificate introduces a method for producing polyvinyl chloride foam by mixing polyvinyl chloride resin with a plasticizer and additives and then saturating the resultant mass with inert gas under pressure and heating it in a high-frequency current field. The processing is made independent of the moisture-content of the resin by vacuum evaporation treatment of the plastic mass before saturation with the inert gas.

ASSOCIATION: Vladimirekiy nauchno-issledovatel'skiy institut sinteticheskikh smol (Vladimir Scientific Research Institute of Synthetic Resins)

SUBMITTED: 02Jan63
NO REF SOV: 000

ENCL: 00
OTHER: 000

SUB CODE: NT

Card 1/1 KC

GRUNAUER, G.A.; DIK, V.A.; KISELEV, M.P.; SHCHERBACHENKO, A.G.

Apparatus for studying the regulating system for diesel tractors.
Trakt. i sel'khozmasb. no.9:9-11 S '65.

(MIRA 18:10)

J. Khar'kovskiy politekhnicheskij Institut imeni V.I.Lenina.

L 11102-63

EPR/EWP(j)/EPF(c)/EWT(m)/BDS

AFETC/ASD

Ps-11/Ps-11/Pr-11

RM/WW

S/032/63/029/005/016/022

7/

AUTHORS: Grozinskaya, Z. P., Kiselev, M. R. and Zubov, P. I.

TITLE: Method of determining wear of polymeric coatings

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 5, 1963, 610

TEXT: A method of determining the wear resistance of polymeric coatings and films is proposed, based on a combination of friction -- sliding to-and-fro motion and vibrating motion of a rubbing body in a direction perpendicular to the abraded surface. This was accomplished with an electrical device which is described; the wear on a given test piece varied linearly with the time, and the results of tests of several materials agreed with results obtained by other methods. There is one figure.

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry of the Academy of Sciences USSR)

ja/''
Card 1/1

L 52211-65 ZPA(s)-2/EWT(n)/EPP(c)/EPR/ENP(j)/T Pc-4/Pr-4/Ps-4/Pt-7 WW/RM

ACCESSION NR: AP5011991

UR/0374/65/000/001/0082/0088
678:539.315

AUTHORS: Kiselev, M. R. (Moscow); Zubov, P. I. (Moscow); Sukhareva, L. A. (Moscow); Zaborovskaya, Ye. E. (Moscow); Dontaeva, E. P. (Moscow) 45
B

TITLE: Internal stresses in fiberglass 12

SOURCE: Mekhanika polimerov, no. 1, 1965, 82-88

TOPIC TAGS: fiberglass, internal stress, bonding material, filler/Thiokol

ABSTRACT: The authors investigated the internal stresses of fiberglass made with plasticized bonding material and of films of pure bonding material. These stresses were found to be lower than those in unplasticized material. The material studied was plasticized and unplasticized polyvinyl butyral, epoxy resin, and plasticized and unplasticized Thiokol. Stresses were determined optically. Investigations were made on films deposited on a glass prism from 50% solution in alcohol-toluene mixture. The film was dried for an hour and then subjected to heat treatment. Temperatures of treatment were 80, 100, 130, and 150C, several combinations of these being employed. Samples of filled material were obtained by cutting from previously impregnated glass cloth or tape. Internal stresses were
Card 1/2

L 52211-65

ACCESSION NR: AP5011991

measured after each hour of treatment and after cooling. The strength characteristics of fiberglass decline with increase in internal stresses, and it was found that the distribution of these stresses is anisotropic. Highest internal stresses were observed in fiberglass with tape reinforcement in a direction at right angles to the fibers. Fiberglass with filler oriented in two mutually perpendicular directions was found to have lower internal stresses than films of pure bonding material. The magnitude of stresses in filled and unfilled films was found to depend on the type of heat treatment. Best results were obtained from longer heating at lower temperatures. Orig. art. has: 5 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 12Oct64

ENCL: 00

SUB CODE: MT

NO REF SOV: 005

OTHER: 002

24h
Card 2/2

ZUBOV, P.I.; SUKHAREVA, L.A.; FADIN, V.A.; KISELEV, M.R.

Internal stresses arising during film formation from phenol-
formaldehyde resin. Koll. zhur. 25 no.4:434-437 J1-Ag '63.
(MIRA 17:2)

1. Institut fizicheskoy khimii AN SSSR, Moskva.

ACCESSION NR: AP4037275

S/0190/64/006/005/0803/0805

AUTHOR: Zubov, P. I.; Sukhareva, L. A.; Kiselev, M. R.; Chistyakov, A. M.

TITLE: Effect of adhesion on internal stresses in adhesive joints

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 5, 1964, 803-805

TOPIC TAGS: adhesive, PN-1 polyester, adhesion, coating, internal stress, glass, glass reinforced plastic

ABSTRACT: The effect of the nature of the surfaces to be bonded on the magnitude of internal stresses in adhesive joints has been studied. The internal stresses were measured by an optical method. Adhesion of the glue line to the bonded surfaces was determined from ultimate stresses causing spontaneous peeling and from the shearing stress causing failure of the joint. Internal stresses in coatings were also measured. Experiments were conducted with adhesives with

Card 1/2

ACCESSION NR: AP4037275

a base of PN-1 polyester and glass or glass-reinforced plastics. It was shown that: Internal stresses in joints are considerably higher than in coatings owing to a larger adhesive-substrate contact area. Internal stresses in joints are higher between surfaces of glass and glass-reinforced plastic than between two glass surfaces owing to better adhesion of the polyester to glass-reinforced plastic. Internal stresses in joints and coatings are distributed irregularly along the joint and are highest on its perimeter. They increase linearly with an increase of the joint or coating thickness and are determined by the adhesive-substrate bond strength. Orig. art. has: 4 figures.

ASSOCIATION: Institut fizicheskoy khimii AN SSSR (Institute of Physical Chemistry, AN SSSR)

SUBMITTED: 30May63

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: MT

NO REF SOV: 004

OTHER: 000

Card 2/2

KISELEV, M.S., inshener.

Operation of the self-stopping mechanism of S-140 warp machines.
Tekst.prom. 14 no.11:25-30 N '54. (MIRA 8:1)
(Looms)

SURNINA, Nina Fedorovna; NOVIKOV, Aleksandr Konstantinovich; POTAP'YEV, Nikolay Khristoforovich; SOKOLOVA, V.Ye., redaktor; KISELEV, M.S., retsenzent; DYBNIK, S.A., doktor tekhnicheskikh nauk, redaktor; MEDVEDOVA, L.A., tekhnicheskiiy redaktor

[Linen weaving] L'notkachestvo. Moskva, nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1955. 391 p.
(Linen) (MLRA 9:4)

KISELEV, M.S.

Unusual cotton printing machine. Tekst. prom. 17 no.3:62-64 Nr '57.
(Portugal--Textile printing) (MLBA 10:4)

KISELEV, M.S.

Ivanovo Province textile workers mobilize their resources. Tekst.
prom. 20 no. 3:14-15 Mr. '60. (MIRA 14:5)

1. Nachal'nik Upravleniya tekstil'noy promyshlennosti Ivanovskogo
sovnarkhoza.

(Ivanovo Province--Textile workers)
(Hours of labor)

L 17020-66

ACC NR: AP6006347

SOURCE CODE: UR/0413/66/000/002/0070/0071

INVENTOR: Kiselev, M. T.; Logvinov, I. A.; Nemerovskiy, L. I.; 20
Peretyagina, T. N.; Piatsov, A. P.; Tsarevskiy, V. L. B

ORG: none

TITLE: A spirometabolograph, Class 30, No. 178027

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki,
no. 2, 1966, 70-71

TOPIC TAGS: spirometabolograph, human physiology, human respiration,
human metabolism

ABSTRACT: An Author Certificate has been issued for a spirometabolograph consisting of a dry cavity sensor, absorber, valve housing, mouthpiece, and a system of tubes. To reduce dead space and to maintain the physiological conditions for respiration of the subject, a stopcock has been situated between the inhale and exhale valves and between the absorber and dry cavity sensor. A variation of the above can purify the breathing system by virtue of a bellows connected to the dry cavity sensor which is mounted by means of screws on a stationary lid. The bellows has a movable cover which can be disconnected from the recording mechanism. A third variation is designed

Card 1/2

UDC: 616.24—073.173—7

L 17020-66

ACC NR: AP6006347

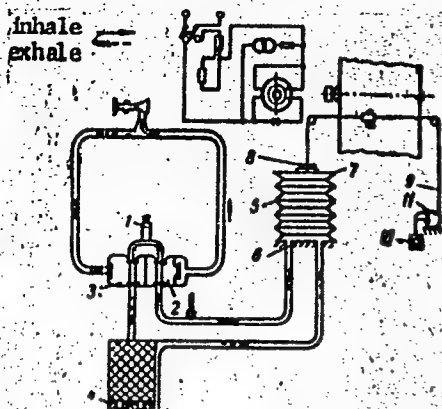


Fig. 1. Spirometabolograph

1 - Stopcock; 2 - inhale valve; 3 - exhale valve; 4 - absorber; 5 - bellows connected to the dry cavity sensor; 6 - stationary lid; 7 - movable lid; 8 - spool; 9 - cable of the balancing mechanism; 10 - weight; 11 - cam with adjustable arm.

to increase the accuracy of the investigation: A spool is attached to the movable bellows cover. A cable is attached to the spool which leads to a balancing mechanism consisting of a weight connected to a cam with an adjustable arm (see Fig. 1). Orig. arb. has: 1 figure. [CD]

SUB CODE: 06/ SUBM DATE: 08Sep64/ ATD PRESS: 4207

Card 2/2 mgs

MOMONTOV, I.I.; KISELEV, M.V., inzhener.

Vibration method of producing long-sized reinforced concrete pipe.
Mekh.trud.rab. 10 no.6:5-7 Je '56. (MLRA 9:8)

1. Glavnyy inzhener zavoda "Barrikada" (for Mamontov)
(Pipe, Concrete)

KHOMICHEV, Vasilii Ivanovich, inzhener; ISTOMIN, Aleksandr Yakovlevich,
slesar'; ~~KISILEV, M. V.~~ inzhener, nauchnyy redaktor; ROTENBERG, A.S.,
redaktor izdatel'stva; PUL'KINA, Ye.A., tekhnicheskiy redaktor

[New method of manufacturing smoke and ventilation blocks] Novyi
metod izgotovleniia dymovykh i ventilatsionnykh blokov. Leningrad,
Gos.izd-vo lit-ry po stroit. i arkhitekt. 1957. 18 p. (MIRA 10:10)
(Ventilation) (Building blocks)

KISELEV, M.V.

97 - 1 - 1/10

AUTHOR: MAMONTOV, I.I. and KISELEV, M.V.^K, (Engineers).

TITLE: The Manufacture of Prestressed Reinforced Concrete Constructions in the BARRIKADA Factory (Proizvodstvo predvaritel'no napryazhennykh zhelezobetonnykh konstruktсий na zavode "Баррикада").

PERIODICAL: Beton i Zhelezobeton, 1957, No. 1., pp. 5 - 7, (U.S.S.R.)

ABSTRACT: The collective of the Leningrad factory "Barrikada" designed and constructed an installation for prestressing reinforcement according to the E.G. Patts (Candidate of Technical Sciences) method. Wire-stressing was carried out by means of a calibrated winch. Each wire was stressed separately. The wires were fixed by cylindrical cones (on both ends) and these, in turn, were fitted into corresponding conical rings. A floor slab with 2 voids, 626 x 99.5 x 22 cm. reinforced with prestressed wires was made according to this method. It is pointed out that it is of outmost necessity to use reinforcement in order to provide greater adhesion. This can be achieved by roughening the surface according to the E.G. Patts method. Prestressing should be carried out in separate workshops and delivered to the

Card 1/3

A initials M.V. on MIRA card (MIRA 1023)

97 - 1 - 2/10

TITLE: The Manufacture of Prestressed Reinforced Concrete Constructions in the BARRIKADA Factory, (Proizvodstvo predvaritel'no napryazhennykh zhelezobetonnykh konstruktсий na zavode "Баррикада").

concreting yards ready for use. Further experiments were carried out concerning the production of ribbed slabs КЛЖ-3 and РП-1 (dimensions 595 x 149 x 26 cm) with prestressed reinforcement by using ordinary metal frameworks made from channels by using discs with conical openings and wedges for stressing (fig. 2.) Equipment for stressing (fig. 1) utilises a suspended weight on the long arm of the lever. Reinforcement for the above slabs consisted of sixteen 4 mm wires or twelve 5 mm wires (made of steel УМТУ-4987-55) with an ultimate strength of 15.000 kg/cm². The required weight for prestressing four 4 mm diameter wires is 5 tons which corresponds to 65% of the ultimate strength. The conical wedges have 2 symmetrical grooves along the wedges. The latter are made of steel St. 20 (ГОСТ 1050 - 52). The weight necessary for stressing 16 wires is approx. 20 tons. Upon the completion of stressing the form is lifted by a crane (5 ton capacity) and deposited on a vibrating table. Here it is filled with concrete mix type 250. The time of vibration is 5 - 7 minutes. Steam curing is carried out for 16 hours, the maximum temperature being 80° C for 8 hours.

Card 2/3

MAMONTOV, I.I., inzh.; KISELEV, M.V., inzh.

Experience in manufacturing reinforced concrete products at the
"Barrikada" plant in Leningrad. Bet.i shel.-bet. no.7:267-271
Jl '57. (MIRA 10:11)
(Leningrad--Concrete plants) (Precast concrete)

MAMONTOV, Igor' Ivanovich.; KISELEV, Mikhail-Vital'iyevich.; SMIRNOV, N.A.,
inzh., nauchnyy red.; ROTENBERG, A.S., red. izd-va.; PUL'KINA,
Ye.A., tekhn. red.

[Efficient methods for making reinforced concrete construction
elements; practices in Leningrad] Ratsional'nye metody izgotovleniya
zhelezobetonnykh konstrukttsii; iz opyta Leningrada. Leningrad, Gos.
izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1958. 81 p.
(MIRA 11:11)

(Precast concrete)

KISELEV, M.V., inzh.

Increase the use of construction elements with prestressed
reinforcements. Biul. tekhn. inform. po stroi. 5 no.5:11-14
My '59. (MIRA 12:8)

(Prestressed concrete)

MIKHAL'CHENKO, M.G.; BEZPALOV, V.D.; GUREVICH, V.G.; KISELEV,
M.V., inzh., nauchnyy red.; REYZ, M.B., red.izd-va;
PUL'KINA, Ye.A., tekhn. red.

[Sizing and dressing of sand for construction] Fraktsioni-
rovanie i obogashchenie stroitel'nykh peskov. Leningrad,
Gosstroizdat, 1963. 87 p. (MIRA 16:4)

(Sand)

BOZHENOV, P.I., doktor tekhn. nauk, prof.; KAVALEROVA, V.I.;
SAL'NIKOVA, V.S.; SUVOROVA, G.F.; KHOLOPOVA, L.I.;
ROTENBERG, A.S., red.izd-va; KISELEV, M.V., inzh., nauchn.
red.; PUL'KINA, Ye.A., tekhn. red.

[Autoclave-hardened cements and products made from them]
TSementy avtoklavnogo tverdeniia i izdeliia na ikh osnove.
Leningrad, Gosstroizdat, 1963. 200 p. (MIRA 17:1)

KISELEV, M.V., inzh.

Development of drainage in the irrigated zone of Bukhara Province.
Gidr. i mel. 16 no. 5:10-16 My '64. (MIRA 1786)

1. Sredazgiprovodkhoz.

ARONOV, I.Z.; KHILINSKAYA, L.G.; KISELEV, M.Ye.; YASKE, M.F.

Improving the utilization of natural gas in boiler rooms.
Prom.energ. 16 no.9:32-33 8 '61. (MIRA 14:8)
(Gas as fuel)

KISELEV, N.: KATS, L.

Savings Banks

Important source of attraction of worker's savings into savings banks. N. Kiselev,
L. Kats. Sov. fin. 13, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED

KISELEV, N. ; CHEFRANOV, M.

Novelties in the technical service for tractors. p. 29.
MASHINIZRANO ZEMEDLIE. (Ministerstvo na zemedelieto)
Sofia. Vol. 7, no. 8, Aug. 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1956

KISELEV, N., inzhener.

Efficiency suggestions of Tula miners. Mast.ugl.5 no.4:19-21
Ap '56. (MLRA 9:7)
(Moscow Basin--Coal mining machinery)

KISELEV, N., inzh.

Grain cleaning and grain-cleaning and drying stations. Zemledelie 25
no.7:59-63 J1 '63. (MIRA 16:9)
(Grain-Cleaning) (Grain-Drying)

KISELEV, N., sud'ya vsesoyuznoy kategorii (Leningrad)

University of umpires. Za rul. 21 no.6:3 Je '63. (MIRA 16:11)

1. Predsedatel' Prezidiuma kollegii sud'ey po avtomotosportu,
obshchestvennyy korrespondent zhurnala "Za rulem".

KISELEV, N.

Vorkuta coal mine. Sots.trud 4 no.2:131-134 P '59.

(MIRA 12:4)

1. Rukovoditel' gruppy Vorkutinskoy normativno-issledovatel'skoy
stantsii.

(Vorkuta--Coal mines and mining)
(Labor productivity)

KISELEV, N. (Moldavskaya SSR)

Young naturalists of Baraboy. Iun. nat. no.8:5-7 Ag '58.

(Agriculture--Study and teaching)

(MIRA 11:9)

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nuiu produktivnost' korov. Alma-Ata, Kazakhskoe gos. izd-vo, 1956.
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EBIN, L.Ye.; GANELIN, A.M.; GILINSKIY, A.M.; GORNOVESOV, G.V.; ZLATKOVSKIY, A.P.; KAUFMAN, B.M.; KISELEV, N.A.; KULIKOV, P.Ye.; LEVIN, M.S.; SLAVIN, M.P.; SMIRNOV, B.Y.; SMIRNOV, V.I.; SMIRNOVA, I.S.; TARASOVA, V.Ye.; CHEBOTAREV, V.I.; SHATS, Ye.L.; ENTIN, I.A.; IOSIPYAN, S.G.; redaktor; SARKISYAN, A.M., redaktor; SMIRENSKIY, M.D., redaktor; TEPLITSKIY, Ya.S. redaktor; KOMAROVA, V.M., redaktor; GURNVICH, M.M., tekhnicheskiy redaktor.

[Rules for the operation of electric installations in rural areas]
Pravila tekhnicheskoi ekspluatatsii sel'skikh elektroustanovok.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 183 p. (MIRA 10:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye sel'skikh elektro-
stantsii.

(Electric power plants) (Electricity in agriculture)

KUKUYEV, Ye.M.; YEFIMOV, V.F.; FLIORIN, B.S., otv.red.; VALENTINOV, A.M., red.; ABRAMYAN, A.A., red.; KISELEV, N.A., red.; METLIN, V.A., red.; ANDRUYEV, G., tekhn.red.

[Handbook with nomenclature and prices for materials and equipment used in the coal industry] Nomenklaturnyi spravochnik i tseny na materialy i oborudovanie, primenyaemye v ugol'noi promyshlennosti. Moskva. Group 2. [Nonferrous metals] TSvetnye metally. 1950. 275 p. (MIRA 13:4)

1. Russia (1923- U.S.S.R.) Ministerstvo ugol'noy promyshlennosti. (Nonferrous metals)
(Coal mines and mining--Equipment and supplies)

BIRYUZOVA, Valentina Ivanovna; BOROVYAGIN, Valeriy Leonidovich;
GILEV, Vladimir Petrovich; KISELEV, Nikolay Andreyevich;
TIKHONENKO, Anna Sergeyevna; CHENTSOV, Yuriy Sergeyevich;
FRANK, G.M., otv. red.

[Electron microscopic methods in studying biological objects]
Elektronnomikroskopicheskie metody issledovaniia biologicheskikh ob"ektov. [By] V.I.Biryuzova i dr. Moskva, Izd-vo AN SSSR, 1963. 203 p. (MIRA 17:5)

1. Chlen-korrespondent AN SSSR (for Frank).
2. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR (for Biryuzova).
3. Institut kristallografii AN SSSR (for Kiselev).
4. Laboratoriya elektronnoy mikroskopii AN SSSR (for Gilev).
5. Institut morfologii zhivotnykh AN SSSR (for Chentsov).
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KISELEV, N. A.; SPIRIN, A. S.

"Structure of ribosomes as revealed by electron microscopy."

Paper presented at the 3rd European Regional Conf on Electron Microscopy, Prague,
26 Aug-3 Sep 64.

KISELEV, N. A.; VAYNSHTEYN, B. K.

"The structure of fowl plague virus."

report submitted to 3rd European Regional Conf, Electron Microscopy,
Prague, 26 Aug-3 Sep 64.

KISELEV, N.A.; NIKOLAYEVA, N.V.

Electron microscopy on non-irradiated and irradiated desoxyribonucleic acids. Biokhimiia 26 S-0 '61. (MIRA 14:12)

1. Institute of Crystallography and Institute of Chemical Physics,
Academy of Sciences of the U.S.S.R., Moscow.

(RADIATION—PHYSIOLOGICAL EFFECTS)
(NUCLEIC ACIDS) (ELECTRON MICROSCOPE)

KISELEV, N.A.; GAVRILOVA, L.P.; SPIRIN, A.S.

Macromolecular configurations of high-polymeric ribonucleic acid
according to the data of electron microscopy. Dokl. AN SSSR 138
no.3:692-694 My '61. (MIRA 14:5)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.
Predstavleno akademikom A.I. Oparinym.
(NUCLEIC ACIDS) (MACROMOLECULAR COMPOUNDS)

KISELEV, N.A.; KISELEV, L.L.

Electron microscopy of soluble ribonucleic acids. Dokl. AN
SSSR ~~242~~ no. 4: 980-983 D '61. (MIRA 14:11)

1. Predstavleno akademikom V.A. Engel'gardtom.
(Nucleic acids)
(Electron microscopy)

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S/218/62/027/003/001/005

I018/I218

AUTHOR: Bogdanova, Ye. S., Gavrilova, L. P., Dvorkin, G. A., Kiselev, N. A. and Spirin, A. S.

TITLE: Macromolecular structure of high-polymer (ribosomal) ribonucleic acid

PERIODICAL: Biokhimiya, v. 27, no. 3. 1962, 387-402

TEXT: RNA of E. coli was studied by means of sedimentation, viscosity, UV absorption, optical rotation, UV electric dichroism measurements and electron microscopy. In its physical and physico-chemical properties it resembles closely the native TMV RNA studied earlier. The macrostructural organization of high-polymer TMV RNA resembles that of E. coli ribosomal RNA. Each macromolecule constitutes one continuous polynucleotide chain. The configuration in solution is governed by the free equilibrium resulting from the reversible interaction of intramolecular forces (hydrogen bonds, electrostatic repulsion and probably coordinate links involving metals). At room temperature and at a sufficient ionic strength, short mainly adjacent sections of the single-stranded polynucleotide chain interact with each other in pairs by means of hydrogen bonds forming short double-stranded DNA-like helical regions stabilized by hydrogen bonds (secondary structure). As a whole, RNA macromolecules can be found in different configurations, depending on ionic strength, temperature and: a) an unfolded strand without any secondary structure; b) a compact rod formed by linear piling of numerous short helical regions orderly oriented and alternating with

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Macromolecular structure of...

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random chain regions, c) a compact coil made up from the non-oriented helical and random regions. All these configurations are interrelated with each other by free reversible transitions. There are 9 figures and 35 references.

ASSOCIATION: Institut biokhimii im. A. N. Bakha, Institut biofiziki i Institut kristallografii Akademii nauk SSSR, Moscow (Institute of Biochemistry im. A. N. Bakh, Institute of Biophysics and Institute of Crystallography, Academy of Sciences USSR)

SUBMITTED: December 5, 1961

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Card 2/2

KISELEV, N.A.; IRLIN, L.S.

Structure of the polyoma virus. Biokhimiia 27 no.4:656-662 J1-Ag
'62. (MIRA 15:11)

1. Institute of Crystallography, Academy of Sciences of the
U.S.S.R. and Institute of Epidemiology and Microbiology, Academy
of Medical Sciences of the U.S.S.R., Moscow.
(VIRUSES)

34759

S/020/62/142/003/027/027
B144/B101

27/220

AUTHORS:

Nikolayeva, N. V., Kruglyakova, K. Ye., Kiselev, N. A.,
Baynshteyn, B. K., and Emanuel', N. M., Corresponding
Member AS USSR

TITLE:

Reduction of radiation damage of DNA molecules in the
presence of propyl gallate (PG)

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 142, no. 3, 1962, 713-715

TEXT: The present study concerns the protective effect of PG on 0.007% DNA solutions which were prepared from the spleen of rats and diluted in 0.1 M ammonium acetate, pH 6.2, to 0.0015%. The intrinsic viscosity $[\eta]$ of 25 dl/g corresponds to a molecular weight of $\sim 3 \cdot 10^6$, the coefficient of molar extinction $\epsilon_{(r)260 \text{ m}\mu} = 6450$. Doses of 66,000, 168,000, and 336,000 r were applied with a B Φ -2 (BF-2) short focus x-ray test apparatus (8 ma, 75 kv, Mo anode, without filter), dose intensity 135,000 r/min. One-stage carbon replicas were examined in an IEM-5G electron microscope, accelerating tension 80 kv, magnification 18-25,000 times. The damage

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Reduction of radiation damage...

percentage increases from 50 through 75 to 100% after irradiation doses in the above-mentioned sequence. In all cases, addition of PG guarantees a 40 - 50% protection of DNA molecules (Fig. 1). The size of the DNA molecule fragments is greater with PG addition than without. Further studies are needed to decide whether these fragments are incompletely decomposed molecules of the initial DNA or a result of cross-linking facilitated by PG. PG addition after irradiation and testing of DNA and PG as to their biological activities may solve this problem. There are 2 figures and 19 references: 8 Soviet and 11 non-Soviet. The four most recent references to English-language publications read as follows: A. R. Peacocke, B. N. Preston, Proc. Roy. Soc., Ser. B, 153, No. 950, 90 (1960); R. Latarjet, H. Ephrussi-Taylor, N. Rebeyrotte, Radiation Res., Suppl. 1, 417 (1959); F. M. Defilippes, W. R. Guild, Radiation Res., 11, 38, (1959); P. Alexander, K. A. Stacey, IV Internat. Congress of Biochemistry, Vienna, 1 - 6 Sept., Symp. IX, 1958.

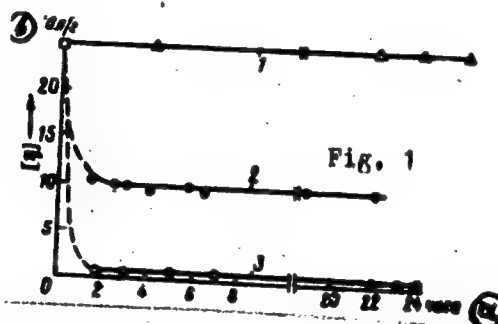
SUBMITTED: September 30, 1961

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Reduction of radiation damage...

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Fig. 1. Change in intrinsic viscosity of DNA solutions before and after x-ray irradiation.
Legend: (1) control (before irradiation); (2) irradiation with PG addition; (3) irradiation without PG; (a) hours; (b) dl/g.



Card 3/3

BIRYUZOVA, Valentina Ivanovna; BOROVYAGIN, Valeriy Leonidovich;
GILEV, Vladimir Petrovich; KISELEV, Nikolay Andreyevich;
TIKHONENKO, Anna Sergeyevna; CHENTSOV, Yuriy Sergeyevich;
FRANK, G.M., otv. red.; SHMELEV, I.P., red. i sd-v. RYLINA, Yu.V.,
tekhn. red.

[Electron-microscopic methods for studying biological objects]
Elektronnomikroskopicheskiye metody issledovaniya biologicheskikh
ob'ektov. [By] V.I. Biryuzova i dr. Moskva, Izd-vo Akad. nauk
SSSR, 1963. 203 p. (MIRA 16:6)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR (for Biryuzova, Tikhonenko).
2. Institut biologicheskoy fiziki AN SSSR (for Borovyagin).
3. Laboratoriya elektronnoy mikroskopii AN SSSR (for Gilev).
4. Institut kristallografii AN SSSR (for Kiselev).
5. Institut morfologii zhivotnykh AN SSSR (for Chentsov).
6. Chlen-korrespondent AN SSSR (for Frank).
(Biological research) (Electron microscopy)

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"On Structure and Functioning of Ribosomes."

report submitted for 6th Intl Biochemistry Cong, New York City, 26 Jul-1 Aug 64.

KISELEV, N.A.; TIKHONENKO, T.I.; KAFTANOVA, A.S.; KISELEV, F.L.

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1. Institute of Crystallography, Academy of Sciences of the U.S.S.R., and Institute of Epidemiology and Microbiology, Academy of Medical Sciences of the U.S.S.R., Moscow.

KEZLING, O.B.; HISELEV, H.A.

Extensive use of electronic computers in production control
is one of the most important tasks of shipbuilders. Sudo-
stroenie no. 11:56-58 H '65 (MIRA 19:1)

KISELEV, N. A. and SERGEI PETROVICH FROLOV,

Kochegar morskogo sudna. Odobreno v kachestve uchebn. posobija...Moskva, Morskoj transport, 1947. 239 p. diagrs.

The ship stoker.

NjP WaU

DLC: VM749.F76

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953

KISELEV, N. A. and G. N. GAR'KUSHA.

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Moskva, Mashgiz, 1948. 80 p. illus.

(Manual of the P-25 (4LPP-20) locomobile; maintenance and servicing.)

DLC: TJ710.G3 1948

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KISELEV, N. A.

Lokomobil', ustroistvo, ekspluatatsiia i remont. Posobie dlia mashinistov.
Moskva, Mashgiz, 1950. 176 p.

Locomotive, working principles, operation and repair. Manual for
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KISELEV, N. A.

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Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952. (Mic 55-3873)
Collation of the original, as determined from the film: 224 p.

Microfilm Slavic 454 AC

АЛЕЕВ, Н. Н.

БЕЛЯВСКИЙ, М.Л.; КИСЕЛЕВ, М.А.; ПРОЛОВ, С.П.; ПОЛЮШКИН, В.А., ответственный редактор; МЕЛИДОВА, Е.С., редактор; ТРОФИМОВ, А.В., технический редактор.

[Manual for a stoker on a sea-going vessel.] Uchebnoe posobie dlia kochegara morskogo sudna. Izd. 2-e, dop. i ispr. Moskva, Izd-vo "Morskoi transport," 1952. 349 p. (MIRA 8:3)
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(MLRA 6:8)

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inzhener, retsenzent; TIKHONOV, A.Ya., tekhnicheskij redak-
tor.

[Locomotives; structure, maintenance and repair] Lokomobili;
ustroistvo, obsluzhivanie i remont. Izd. 3-e, perer. i dop.
Moskva, Gos.nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry,
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E.S., redaktor; VOLKOVA, Ye., tekhnicheskii redaktor

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Kiselev Nikolay A.

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[Ship's fireman] Kochegar morskogo sudna. Izd. 3-e, perer. pod red.
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N. A. KISELEV

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GIDON, Lev Moiseyevich; KISELEV, N.A., inzh., retsenzent; BASENTSYAN,
A.A., inzh., red.; UVAROVA, A.F., tekhn.red.

[Assembly and repair of steam engines] Montazh i remont
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(Steam engines)

KISELEV, Nikolay Aleksandrovich; POZMOGOV, Ye.N., inzh., retsenzent;
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[Steam engines; construction, maintenance, and repair] Lokomobili;
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[Industrial boiler units] Promyshlennye kotel'nye ustanovki. Moskva, Gos. energ. izd-vo, 1960. 359 p. (MIRA 14:8)
(Boilers)

KISELEV, N.A.

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KISELEV, N.A.; GOLUBEVA, I.A., red.; RESHETIN, G.V., tekhn. red.

[Safety rules for stokers of hot-water and steam boilers and for locomobile operators] Pamiatka po tekhnike bezopasnosti dlia kochegarov vodogreinykh i parovykh kotlov i mashinistov lokomobilei. Moskva, Sel'khozizdat, 1962. 36 p.

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1. Predstavleno akademikom V. A. Engel'gardtom.

BULYCHEV, N.A.; KUMINSKIY, N.D.; DUDNIKOV, V.V.; KISELEV, N.A.

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1. Rukovoditel' sektora informatsii Instituta po stroitel'stvu
Akademii stroitel'stva i arkhitektury SSSR v Sverdlovsko.
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